

PRIORITY**1**

OUT63506

SECRET

1967 NOV 3 17 26Z

P 031634Z NOV 67
 FM NPIC WASHDC
 TO AIG NINE SEVEN FIVE
 BT
 S E C R E T CITE NPIC 2163
 MISSION GL G-990

3 NOV 67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-990, 1 NOV 67.

((NOTE: TEXT THAT FOLLOWS IDENTICAL WITH THAT OF PRELIMINARY
 ANALYSIS OF GLASS LAMP MISSION G-990))

S E C R E T**END OF MESSAGE**

((NOTE: ABOVE MESSAGE ALSO PASSED))

DISTRIBUTION		
Cy No.	Initial	Action
1	DS	
	SEC 10	
	T-4	
23	CSO	
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7	IAO	X
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	DAAX 4	
	SPAL	
	NEAL	
	DA 4P	

25X1

SECRET

GROUP 1
 Excluded from automatic
 downgrading and
 declassification

MISSION GL G-998

Approved For Release 2006/10/12 : CIA-RDP78B03817A000900020010-3

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-998, 1 NOV 67. OUT63506
THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGE@, O @OBSCURITY@, AND GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@. AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM@, MEDIUM @76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE B27-2 CU 2052N 07627W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 7 MISSILE TRANSPORTERS @2 WITH MISSILES@, 1 MISSILE ON DOLLY, 1 FAN SONG RADAR WITH 6 ASSOCIATED VANS, 9 ZIL-157V, AND 3 VAN TRAILERS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN SAM SITE WEST CU 2051N 07627W
OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W
OB -- 3 MISSILE TRANSPORTERS, 3 MISSILES ON DOLLIES, 4 MISSILE CANISTER TRANSPORTERS, 5 PROBABLE TRUCK TRACTORS, 11 CARGO TRUCKS, AND AT LEAST 80 MISSILE CANISTERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

LA MAYA SAM SITE A35-2 CU 2014N 07540W
OB -- 6 EMPLACED LAUNCHERS, 8 MISSILE TRANSPORTERS @5 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, A SPOON REST RADAR WITH GENERATOR VAN, 1 ADDITIONAL LAUNCHER, AND 3 OTHER VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES. CIA-RDP78B03817A000900020010-3

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AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 87750W
OB -- 1 COKE AIRBORNE, 1 C-47, 3 COLT, AND 8 HOUND.

HOLGUIN AIRFIELD CU 2047N 87618W
OB -- 3 FISHBED, 17 FAGOT/FRESCO, 2 CRATE, AND 2
PROBABLE HOUND.

LOS CANOS AIRFIELD CU 2005N 87509W
OB -- NONE OBSERVED.

ANTONIO MACEO AIRFIELD CU 1958N 87550W
OB -- NONE OBSERVED.

KAWAMA AIRFIELD CU 2307N 88117W
OB -- NONE OBSERVED.

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 87550W
OB -- NONE OBSERVED.
OTHER VESSELS -- 5 FREIGHTERS.

NUEVITAS PORT CU 2132N 87715W
VESSELS -- 7 LARGE FREIGHTERS.

LA ISABELA PORT FACILITIES CU 2256N 88000W
VESSELS -- 2 FREIGHTERS AND 1 COASTAL FREIGHTER.

CAIBARIEN PORT CU 2231N 87928W
VESSELS -- 1 LARGE FREIGHTER WITH BARGES ALONGSIDE.

CARDENAS PORT CU 2302N 88111W
VESSELS -- 2 LARGE FREIGHTERS.

ELECTRONICS/COMMUNICATIONS

CARDENAS RADAR FAC HICACOS PENINSULA CU 2311N 88108W
OB -- NONE OBSERVED.

SAGUA LA GRANDE EW/GCI RADAR SITE 2 CU 2248N 88006W
OB -- 5 VEHICLES/PIECES OF EQUIPMENT.

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 87600W
OB -- AREA 1 -- 27 CARGO TRUCKS AND 25 PROBABLE CARGO
TRUCKS.

AREA 2 -- 4 CARGO TRUCKS.

AREA 3 -- 6 AAA PIECES AND 4 CARGO TRUCKS.

AREA 4 -- 12 TANKS/SP GUNS, 23 CARGO TRUCKS, 4 CARGO
TRAILERS, AND 4 OTHER VEHICLES/PIECES OF EQUIPMENT.

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AREA 5 -- 15 BTR-60P AND 21 OTHER VEHICLES.
AREA 6 -- 8 PROBABLE TANKS/SP GUNS, 8 FA PIECES, AND 14 CARGO TRUCKS.

AREA 7 -- 11 FA PIECES, 19 PROBABLE BTR-152, 9 CARGO TRUCKS, AND 6 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

DOS CAMINOS MILITARY CAMP CU 2014N 07547W
OB -- 29 FA PIECES, 23 AAA PIECES, 49 CARGO TRUCKS, AND 12 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

GUANTANAMO AREA CU 2018N 07525W
OB -- MILITARY CAMP -- 4 PROBABLE TANKS/SP GUNS, 6 FA PIECES, 5 CARGO TRUCKS, AND 7 OTHER VEHICLES/PIECES OF EQUIPMENT AT 18QVT768243.
QMAP REFERENCE -- AMS SERIES E-273, SHEET 5176 II, 4TH EDN.

AREAS 1-6 AND 9 -- 90 PERCENT USEABLE COVERAGE.
AREAS 7, 8 -- 60 PERCENT USEABLE COVERAGE.

HOLGUIN MILITARY CAMP EAST CU 2053N 07613W
OB -- MAIN CAMP -- 6 TANKS/SP GUNS, 40 FA PIECES, 37 AAA PIECES, 23 MORTARS, 18 BTR-60P, 80 CARGO TRUCKS, 2 UTILITY TRUCKS, AND 5 OTHER VEHICLES/PIECES OF EQUIPMENT.
CAMP 2.2 NM SE -- 6 FA PIECES, 13 CARGO TRUCKS, AND 10 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

HOLGUIN MILITARY CAMP NORTH CU 2057N 07616W
OB -- 3 TANKS/SP GUNS, 5 FA PIECES, AND 27 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

CORRALILLO MILITARY AREA CU 2301N 08030W
OB -- 6 TANKS/SP GUNS, 15 CARGO TRUCKS, AND 22 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

MARTI ARMOR TRAINING AREA CU 2258N 08059W
OB -- 8 TANKS/SP GUNS AND 1 CARGO TRUCK.
NO APPARENT CHANGE IN FACILITIES.

OFELIA MILITARY CAMP CU 2006N 07530W
OB -- 16 TANKS/SP GUNS, 2 FA PIECES, 4 AAA PIECES/MORTARS, 2 TRACKED PRIME MOVERS, 38 CARGO TRUCKS, AND 6 UTILITY TRUCKS.

ACTIVITY -- 4 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

PUERTO PADRE MILITARY AREA CU 2111N 87639W Approved for Release 2006/10/12 : CIA-RDP78B03817A000900020010-3

OB -- 17 TANKS/SP GUNS, 17 FA PIECES, 4 POSSIBLE AAA
PIECES, AND 24 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

LA CHARCA MILITARY ACTIVITY CU 2246N 88036W
OB -- 13 FA PIECES, 12 MORTARS, 2 PROBABLE BTR-60P, 15
POSSIBLE BTR-152, 56 CARGO TRUCKS, 1 TRUCK-MOUNTED
CRANE, AND 23 OTHER VEHICLES.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

CAMAGUEY MILITARY TRAINING AREA NORTH CU 2131N 87753W
OB -- 15 TANKS/SP GUNS, 1 PROBABLE BTR-50P, 18 CARGO
TRUCKS, 2 UTILITY TRUCKS, AND 2 OTHER VEHICLES AT UTM
18QTU025799 AND 11 TANKS/SP GUNS, 3 PROBABLE TANKS/SP
GUNS, 12 BTR-50P, 6 BTR-60P, 3 CARGO TRUCKS, AND 1
OTHER VEHICLE AT UTM 18QTU023788.
QMAP REFERENCE -- AMS SERIES E723, SHEET 4680 III, 2D
EDR.

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

HOLGUIN AW RADAR FACILITY	2048N 87618W
PAINSERA ROR SITE PUNTA DE MULAS	2101N 87535W
SIBONEY LANDING BEACH	1957N 87542W
PLAYA YATERITAS LANDING BEACH	1958N 87457W
NICARO LANDING BEACH	2042N 87533W
INIAS LANDING BEACH	2005N 87448W
GANUZA LANDING BEACH	2305N 88030W
CAYO DE SABINAL LANDING BEACH	2144N 87728W
PENINSULA DE HICACOS LANDING BEACH	2311N 88130W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

HOLGUIN AIRFIELD SAM SITE	2046N 87619W
RANCHUELO SAM SITE A33-2	2223N 88010W
SANTA CLARA SAM SITE A34-2	2229N 88000W
SANTIAGO DE CUBA SAM SITE A23-2	1959N 87550W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2004N 87553W
SANTIAGO DE CUBA SAM SITE 2	1958N 87549W
SANTA ISABEL DE LAS LAJAS SAM SITE A35-2	2228N 88018W
SAN PEDRO DE CACOCUM SAM SITE A06-2	2045N 87615W
SANTIAGO SAM TRAINING AREA	1958N 87551W
CAMILO CIENFUEGOS AIRFIELD	2229N 87956W
SANTIAGO DE CUBA AW RADAR FAC	1959N 87551W
SAN MIGUEL EW/GCI RADAR SITE	2229N 87953W
REMEDIOS MILITARY CAMP NW	2227N 87935W
SANTIAGO MILITARY CAMP CUABITAS	2003N 87548W
EL CRISTO MILITARY INSTALLATION	2010N 87547W
SANTIAGO MILITARY CAMP LA GUAY	2102N 87551W

SANTIAGO DE CUBA MILITARY BKS NW	2003N 07554W
SANTIAGO DE CUBA MILITARY CAMP NW	2003N 07555W
SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL	2001N 07547W
MATANZAS LANDING BEACH	2301N 08126W
MOA PUNTA GORDA LANDING BEACH	2039N 07453W
MOA CANANOVAS LANDING BEACH	2039N 07502W
SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER	1959N 07550W